



"Stefanoff, Jim/SPK"
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>

To: Marykay Voytilla/R10/USEPA/US@EPA

09/13/2001 10:58 AM

cc:
Subject: FW: in situ paper

Regarding the Barium Sulfate Injection/Coating plan.

-----Original Message-----

From: Bill Hudson [mailto:bhudson@nidlink.com]

Sent: September 13, 2001 10:51 AM

To: Stefanoff, Jim/SPK

Subject: in situ paper

Jim, thanks for sending over the paper, it appears as if it holds promise for certain applications, however I am skeptical about the Flood-Stanley ore body. Surface access problems, the length and width and depth of the ore zone (1000' x 400' x 500') that would need to be addressed is daunting. Preferred flow paths such as fractures are hard enough to find let alone all of the man made openings, some of which are collapsed and others such as the Utz and the stopes on 8 Level which are still open. Preferred flow paths in those situations can change radically depending upon flow volume and long term rock movements/collapses. Monitoring of the success from 4 and 5 Levels may be done to some extent, but MSHA may not allow even that. An area that could be tried and probably monitored would be in the leasor workings of the Utz and the Homestake Levels. Access for drilling could be incorporated into the hillsides surface diversion roads considered in the mine water plan.

Bill

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